



SEQUENCE LISTING

<110> Tania KASTELIC
Dominique CHENEVAL

<120> ASSAY FOR IDENTIFYING COMPOUNDS WHICH
AFFECT STABILITY OF mRNA

<130> 608352000100

<140> US 10/814,634

<141> 2004-04-01

<150> US 09/869,159

<151> 1999-12-23

<150> GB 9288709.7

<151> 1998-12-24

<160> 32

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1105

<212> DNA

<213> Homo sapiens

<400> 1

```
gcggccgccca cagcagcctc tgaagttgga cagcaaaacc attgcttcac taccatcgg 60
tgtccattta tagaataatg tgggaagaaa caaacccgtt ttatgattta ctcattatcg 120
ccttttgaca gctgtgctgt aacacaagta gatgcctgaa cttgaattaa tccacacatc 180
agtaatgtat tctatctctc ttacattttt ggtctctata ctacattatt aatgggtttt 240
gtgtactgta aagaatttag ctgtatcaaa ctagtgcatt aatagattct ctctgatta 300
ttatcacat agcccttag ccagttgtat attattcttg tggtttgtga cccaattaag 360
tcctacttta catatgcttt aagaatcgat gggggatgct tcatgtgaac gtgggagttc 420
agctgcttct cttgcctaag tttcctttc ctgactacta tgcattttta agttaaacat 480
ttttaagtat ttcagatgct ttagagagat tttttttccc atgactgcat tttactgtac 540
agattgctgc ttctgctata tttgtgatat aggaattaag aggatacaca cgtttgtttc 600
ttcgtgcctg ttttatgtgc acacattagg cattgagact tcaagctttt ctttttttgt 660
ccacgtatct ttgggtcttt gataaagaaa agaatccctg ttcattgtta gcaacttttac 720
ggggcgggtg gggaggggtg ctctgctggt cttcaattac caagaattct ccaaaacaat 780
tttctgcagg atgattgtac agaatcattg cttatgacat gatcgctttc tacactgtat 840
tacataaata aattaaataa aataaccccg ggcaagactt ttctttgaag gatgactaca 900
gacattaaat aatcgaagta attttgggtg gggagaagag gcagattcaa ttttctttaa 960
ccagtctgaa gtttcattta tgatacaaaa gaagatgaaa atggaagtgg caatataagg 1020
ggatgaggaa ggcattgctg gacaaacctt tcttttaaga tgtgtcttca atttgtataa 1080
aatgggtgtt tcatgtagcg gccgc 1105
```

<210> 2

<211> 904

<212> DNA

<213> Homo sapiens

<400> 2

gcggccgctg	aagtcaacat	gcctgcccc	aacaaatatg	caaaagggttc	actaaagcag	60
tagaaataat	atgcattgtc	agtgatgtac	catgaaacaa	agctgcaggc	tgtttaagaa	120
aaaataacac	acataataac	atcacacaca	cagacagaca	cacacacaca	caacaattaa	180
cagtcttcag	gcaaaacgtc	gaatcagcta	tttactgcca	aagggaaata	tcattttattt	240
tttacattat	taagaaaaaa	agattttattt	atttaagaca	gtcccatcaa	aactcctgtc	300
tttggaatc	cgaccactaa	ttgccaagca	ccgcttcgtg	tggtccacc	tggtgttct	360
gtgcctgtaa	acatagattc	gctttccatg	ttgttggccg	gatcaccatc	tgaagagcag	420
acggatggaa	aaaggacctg	atcattgggg	aagctggctt	tctggctgct	ggaggctggg	480
gagaagggtg	tcattcactt	gcattttctt	gccctggggg	ctgtgatatt	aacagagggg	540
gggttcctgt	ggggggaagt	ccatgcctcc	ctggcctgaa	gaagagactc	tttgcataatg	600
actcacatga	tgcatacctg	gtgggaggaa	aagagttggg	aacttcagat	ggacctagta	660
cccactgaga	tttcacgcc	gaaggacagc	gatgggaaaa	atgcccttaa	atcataggaa	720
agtatttttt	taagctacca	attgtgccga	gaaaagcatt	ttagcaattt	atacaatatc	780
atccagtacc	ttaagcctg	attgtgtata	ttcatatatt	ttggatacgc	accccccaac	840
tccaataact	ggctctgtct	gagtaagaaa	cagaatcctc	tggaacttga	ggaagtgcgg	900
ccgc						904

<210> 3

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3

gcggccgctg	aagtcaacat	gcctgcccc	aacaaatatg	caaaagggttc	actaaagcag	60
tagaaataat	atgcattgtc	agtgatgtac	catgaaacaa	agctgcaggc	tgtttaagaa	120
aaaataacac	acataataac	atcacacaca	cagacagaca	cacacacaca	caacaattaa	180
cagtcttcag	gcaaaacgtc	gaatcagcta	tttactgcca	aagggaaata	tcattttattt	240
tttacattat	taagaaaaaa	agattttattt	atttaagaca	gtcccatcaa	aactcctgtc	300
tttggaatc	cgaccactaa	ttgccaagca	ccgcttcgtg	tggtccacc	tggtgttct	360
gtgcctgtaa	acatagattc	gctttccatg	ttgttggccg	gatcaccatc	tgaagagcag	420
acggatggaa	aaaggacctg	atcattgggg	aagctggctt	tctggctgct	ggaggctggg	480
gagaagggtg	tcattcactt	gcattttctt	gccctggggg	ctgtgatatt	aacagagggg	540
gggttcctgt	ggggggaagt	ccatgcctcc	ctggcctgaa	gaagagactc	tttgcataatg	600
actcacatga	tgcatacctg	gtgggaggaa	aagagttggg	aacttcagat	ggacctagta	660
cccactgaga	tttcacgcc	gaaggacagc	gatgggaaaa	atgcggccgc		710

<210> 4

<211> 688

<212> DNA

<213> Homo sapiens

<400> 4

gcggccgctc	ggagcttttt	tgccctgcgt	gaccagatcc	cggagttgga	aaacaatgaa	60
aaggccccc	aggtagttat	ccttaaaaa	gccacagcat	acatcctgtc	cgtccaagca	120
gaggagcaaa	agctcatttc	tgaagaggac	ttgttgcgga	aacgacgaga	acagttgaaa	180
cacaaacttg	aacagctacg	gaactcttgt	gcgtaaggaa	aagtaaggaa	aacgattcct	240
tctgacagaa	atgtcctgag	caatcaccta	tgaacttggt	tcaaatgcat	gatcaaatgc	300
aacctcacia	ccttggctga	gtcttgagac	tgaagatttt	agccataatg	taaactgcct	360
caaattggac	tttgggcata	aaagaacttt	tttatgctta	ccatcttttt	tttttcttta	420
acagatttgt	atttaagaat	tgtttttaaa	aaattttaag	atttacacaa	tgtttctctg	480
taaatattgc	cattaaatgt	aaataacttt	aataaaaacgt	ttatagcagt	tacacagaat	540
ttcaatccta	gtatatagta	cctagtatta	taggtactat	aaacctaat	tttttttatt	600
taagtacatt	ttgcttttta	aagttgattt	ttttctattg	tttttagaaa	aaataaaata	660
actggcaaat	atatcattga	gccatatg				688

<210> 5

<211> 806

<212> DNA
 <213> Homo sapiens

<400> 5

```
gcggccgctg aggaggacga acatccaacc ttcccaaacg cctccccctgc cccaatccct 60
ttattacccc ctcccttcaga caccctcaac ctcttctggc tcaaaaagag aattgggggc 120
ttagggtcgg aaccaagct tagaacttta agcaacaaga ccaccacttc gaaacctggg 180
attcaggaat gtgtggcctg cacagtgaag tgctggcaac cactaagaat tcaaactggg 240
gcctccagaa ctcaactggg cctacagctt tgatccctga catctggaat ctggagacca 300
gggagccttt ggttctggcc agaatgctgc aggacttgag aagacctcac ctagaaattg 360
acacaagtgg accttaggcc ttctctcttc cagatgtttc cagacttcct tgagacacgg 420
agcccagccc tccccatgga gccagctccc tctatttatg tttgcacttg tgattattta 480
ttattttatt attatttatt tatttacaga tgaatgtatt tatttgggag accgggggat 540
cctgggggac ccaatgtagg agctgccttg gctcagacat gttttccgtg aaaacgggagc 600
tgaacaatag gctgttccca tgtagccccc tggcctctgt gccttctttt gattatgttt 660
tttaaaatat ttatctgatt aagttgtcta aacaatgctg atttggtgac caactgtcac 720
tcattgctga gcctctgctc cccaggggag ttgtgtctgt aatcgcccta ctattcagtg 780
gcgagaaata aagtttgctt catatg 806
```

<210> 6

<211> 613

<212> DNA

<213> Homo sapiens

<400> 6

```
gcggccgcta aagagagctg taccagaga gtccctgtgct gaatgtggac tcaatcccta 60
gggctggcag aaagggaaca gaaaggtttt tgagtacggc tatagcctgg actttccctgt 120
tgtctacacc aatgcccac tgccctgcctt agggtagtgc taagaggatc tccctgtccat 180
cagcaggac agtcagctct ctcccttcag ggccaatccc cagccctttt gttgagccag 240
gcctctctca cctctcttac tcacttaaag cccgcctgac agaaaccacg gccacatttg 300
gttctaagaa accctctgtc attcgctccc acattctgat gagcaaccgc ttccctattt 360
ttttatttat ttgtttgttt gttttattca ttggtctaatt ttattcaaag ggggcaagaa 420
gtagcagtgt ctgtaaaaga gcctagtttt taatagctat ggaatcaatt caatttggac 480
tggtgtgctc tctttaaatc aagtccttta attaagactg aaaatatata agctcagatt 540
atttaaattg gaatatttat aaatgagcaa atatcatact gttcaatggg tctgaaataa 600
acttcacat atg 613
```

<210> 7

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 7

```
gcggccgcat tgctgtgctt tggggattcc ctccacatgc tgcacgcgca tctcgccccc 60
aggggcactg cctggaagat tcaggagcct gggcggcctt cgcttactct cacctgcttc 120
tgagttgccc aggaggccac tggcagatgt cccggcgaag agaagagaca cattgttggg 180
agaagcagcc catgacagct ccccttccctg ggactcgccc tcatcctctt cctgctcccc 240
ttcctggggg gcagcctaaa aggacctatg tctcaccacc attgaaacca ctagtctctgt 300
ccccccagga gacctgggtg tgtgtgtgtg agtggttgac ctctctccat cccctgggtcc 360
ttcccttccc ttcccagggc acagagagac agggcaggat ccacgtgccc attgtggagg 420
cagagaaaaa agaaagtgtt ttatatcagg tacttattta atatcccttt ttaattagaa 480
attaaaacag ttaatttaat taaagagtat ggtttttttt cagtattctt ggttaatat 540
taatttcaac tatttatgag atgtatcttt tgctctctct tgctctctta tttgtaccgg 600
tttttgtata taaaattcat gtttccaatc tctctctccc tgatcggtga cagtcactag 660
cttatcttga acagatatct aattttgcta acaactcagct ctgcccctcc cgatccccctg 720
gtcctccagc acacattcct ttgaaataag gtttcaatat acatctacat actatatata 780
tatatttggc aacttgtatt tgtgtgtata tatatatata tatgtttatg tatatatgtg 840
```

```

attctgataa aatagacatt gctatttctgt tttttatatg taaaaacaaa acaagaaaaa 900
atagagaatt ctacatacta aatctctctc cttttttaat tttaatattt gttatcattt 960
atattattggt gctactgttt atccgtaata attgtgggga aaagatatta acatcacgtc 1020
tttgtctcta gtgcagtttt tcgagatatt ccgtagtaca tattttattt taaacaacga 1080
caaagaaata cagaacatat g                                     1101

```

```

<210> 8
<211> 168
<212> DNA
<213> Homo sapiens

```

```

<400> 8
gcggccgcat tctgtagac acaccaccc acatacatc atttatatat atatatatta 60
tatatatata aaaataaata tctctatttt atatatataa aatatatata ttcttttttt 120
aaattaacag tgctaagtgt attggtgtct tctctggatg aacatatg          168

```

```

<210> 9
<211> 33
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Oligonucleotide primer

```

```

<400> 9
ttgcggccgc tacatgaaaa caccatttta tac                                     33

```

```

<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Oligonucleotide primer

```

```

<400> 10
tgccggccgc acagcagcct ctgaagttgg                                     30

```

```

<210> 11
<211> 29
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Oligonucleotide primer

```

```

<400> 11
agcggccgca cttcctcaag ttccagagg                                     29

```

```

<210> 12
<211> 28
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Oligonucleotide primer

```

<400> 12
 agcggccgct gaagtcaaca tgccctgcc 28

<210> 13
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 13
 agcggccgca tttttcccat cgctgtcc 28

<210> 14
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 14
 ccatatggct caatgatata ttgcccag 28

<210> 15
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 15
 agcggccgct cggagctttt ttgccctgcg tg 32

<210> 16
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 16
 ccatatgaag caaactttat ttctcgcc 28

<210> 17
 <211> 31
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 17
 agcggccgct gaggaggacg aacatccaac c 31

<210> 18
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 18
 ccatatggtg aagtttattt cagaacc 27

 <210> 19
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 19
 agcggccgct aaagagagct gtaccagag 30

 <210> 20
 <211> 32
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 20
 aacatatgtt ctgtatttct ttgtcgttgt tt 32

 <210> 21
 <211> 32
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 21
 tgcggccgca ttgctgtgct ttggggattc cc 32

 <210> 22
 <211> 33
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 22
 aacatatgtt catccagtga agacaccaat aac 33

 <210> 23

<211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 23
 tgcggccgca ttcctgtaga cacaccacc c 31

 <210> 24
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 24
 cttgtcgacg attccc 16

 <210> 25
 <211> 16
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 25
 aatcgtcgac aagttc 16

 <210> 26
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 26
 agctgctagc tcgagatctg 20

 <210> 27
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 27
 agctcagatc tcgagctagc 20

 <210> 28
 <211> 601
 <212> DNA

<213> Homo sapiens

<400> 28

```
agagagctgt acccagagag tcctgtgctg aatgtggact caatccctag ggctggcaga 60
aagggaacag aaagggtttt gagtacggct atagcctgga ctttcctgtt gtctacacca 120
atgcccaact gcctgcctta gggtagtgct aagaggatct cctgtccatc agccaggaca 180
gtcagctctc tcctttcagg gccaatcccc agcccttttg ttgagccagg cctctctcac 240
ctctcctact cacttaaagc ccgcctgaca gaaaccacgg ccacatttgg ttctaagaaa 300
ccctctgtca ttcgctccca cattctgatg agcaaccgct tccctattta tttatttatt 360
tgtttgtttg ttttattcat tggcttaatt tattcaaagg gggcaagaag tagcagtgtc 420
tgtaaaagag cctagttttt aatagctatg gaatcaattc aatttggact ggtgtgctct 480
ctttaaatca agtcctttta ttaagactga aaatatataa gctcagatta tttaaatggg 540
aatatttata aatgagcaaa tatcatactg ttcaatgggt ctgaaataaa cttctctgaa 600
g 601
```

<210> 29

<211> 40

<212> DNA

<213> Homo sapiens

<400> 29

```
atgggttccc tatttattta tttatttgtt tgtccaacct 40
```

<210> 30

<211> 40

<212> DNA

<213> Homo sapiens

<400> 30

```
ggataccgaa gggataaata aataaataaa caaacaggtt 40
```

<210> 31

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 31

```
tgcggccgca acatatgttc ct 22
```

<210> 32

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 32

```
aacatatgtt gcggccgcaa gg 22
```